

EnviroTech News - January, 2006 U.S. EPA Environmental Technology Opportunities Portal (ETOP)

Welcome to EnviroTech News, a service originally provided by the Center for Environmental Industry and Technology (CEIT) now adopted, compiled and disseminated through EPA's Environmental Technology program by the Environmental Technology Opportunities Portal (ETOP). This monthly newsletter contains information relevant to the environmental technology industry under the following headings: Government Funding Opportunities, Environmental Technology Verification (ETV) Opportunities, and Upcoming Events. Special issues of EnviroTech News feature Technology Opportunities; this section offers the unique opportunity to connect with individuals or companies that may be looking for new solutions to specific environmental problems. We try to keep EnviroTech News as brief as possible while providing information relevant to your needs.

GOVERNMENT FUNDING OPPORTUNITIES

ENVIRONMENTAL PROTECTION AGENCY

(New) EPA REGION 9 REQUESTS APPLICATIONS FOR THE TRIBAL CLEAN AIR ACT GRANT PROGRAM. THIS PROGRAM FUNDS TRIBAL AIR POLLUTION CONTROL PROGRAMS AND PROJECTS THAT SUPPORT TRIBAL AIR QUALITY ASSESSMENT AND THE DEVELOPMENT OF TRIBAL AIR PROGRAM CAPACITY. RESPONSES DUE 1/13/06. Projects must serve Indian Country belonging to over 140 Federally recognized tribes in AZ, NV, and CA. \$2.3 million expected to be available, up to 30 awards anticipated. Eligibility is restricted to federally-recognized tribal governments and intertribal consortia in the Region 9 geographic area. For more info. including specific contacts, go to:

<http://www.Fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-R9-AIR-06-002/Grant.html>

EPA IS SEEKING APPLICATIONS PROPOSING RESEARCH TO BETTER UNDERSTAND THE EFFECT OF TROPOSPHERIC POLLUTION (OZONE AND PARTICULATE MATTER) ON SURFACE ULTRAVIOLET RADIATION LEVELS. APPLICATIONS DUE 1/18/06. The anticipated funding amount is approximately \$600,000 total for all awards. Institutions of higher education and not-for-profit institutions located in the U.S., and tribal, state and local governments, are eligible to apply. For more information, go to:

[http://es.epa.gov/ncer/rfa/2005/2005\\_tropospheric\\_air\\_pollution.html](http://es.epa.gov/ncer/rfa/2005/2005_tropospheric_air_pollution.html) Refer to Sol# EPA-G2006-STAR-D1.

(New) EPA IS SOLICITING PREPROPOSALS FOR FUNDING UNDER THE STATE INNOVATION GRANT PROGRAM TO SUPPORT INNOVATION PROJECTS BY STATE ENVIRONMENTAL REGULATORY AGENCIES. PREPROPOSALS DUE 1/20/06. Projects are sought that promote larger-scale models for next-generation environmental protection and provide better environmental results. Up to \$1 million is expected to be available for 4-8 awards having a project period of 1-3 years. Only the principal environmental regulatory agencies from each state government, the District of Columbia and U.S. territories are eligible to submit preproposals. More information is available at:

<http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-AO-OPEI-06-01/listing.html>

(New) EPA REQUESTS APPLICATIONS FOR THE CONSOLIDATED ENVIRONMENTAL PROFESSIONAL INTERN PROGRAM. RESPONSES DUE 1/23/06. This program provides on-the-job training for graduate and undergraduate students from accredited universities and colleges interested in careers in the environmental area. \$5 million expected to be available, 2 awards anticipated. Eligibility is restricted to institutions of higher education, federally recognized Native American tribal governments, nonprofits having a 501(c)(3) status with the IRS and state governments. For more info, contact Linda Smith at

smith.linda@epa.gov or go to:  
<http://www.fedgrants.gov/search/search.do?mode=VIEW&oppId=2251> Refer to Sol#  
EPA-OECA-OEJ-05-02.

(New) EPA REQUESTS PROPOSALS FOR STATE INNOVATION GRANT PROGRAM. RESPONSES DUE 1/20/06. This program assists states building on previous experience and undertaking strategic innovation projects that promote larger-scale models for next generation environmental protection and promise better environmental results. \$1 million expected to be available, up to 8 awards anticipated. Eligibility is restricted to state governments. For more info, contact Sherri Walker at (202) 566-or go to:  
<http://www.fedgrants.gov/search/search.do?mode=VIEW&oppId=2272> Refer to Sol#  
EPA-AO-OPEI-06-01.

EPA INVITES APPLICATIONS PROPOSING APPROACHES DIRECTED AT AVOIDING OR MINIMIZING THE GENERATION OF POLLUTANTS AT THE SOURCE. APPLICATIONS DUE 1/31/06. A new generation of cleaner industrial manufacturing and processing technologies is needed that supports pollution avoidance and prevention, efficient resource and energy use, and industrial ecology. Approximately \$1.4 million is expected to be available for four awards. Fully accredited four-year U.S. institutions of higher education are eligible to apply. For more information, visit  
[http://es.epa.gov/ncer/rfa/2006/2006\\_gro\\_solicitation.html](http://es.epa.gov/ncer/rfa/2006/2006_gro_solicitation.html)

(New) EPA HEADQUARTERS AND REGIONS 2, 3, 6 AND 7 REQUEST PROPOSALS FOR THE RESOURCE CONSERVATION CHALLENGE GRANTS PROGRAM. RESPONSES DUE 2/6/06. The goal of this effort is to stimulate solid waste reduction and recycling projects to increase the national recycling rate from 30% to 35% by 2008, reduce and recycle industrial byproducts, reduce the amount of electronic waste going to landfills and/or incinerators, and reduce the amount of priority chemicals found in waste streams. \$500K expected to be available, up to 15 awards anticipated. For more info and eligibility, go to:  
<http://www.epa.gov/epaoswer/osw/conserves/grants.htm> Refer to Sol#  
EPA-OSWER-OSW-06-04.

EPA SOLICITS SUBMISSIONS FOR THE 3RD ANNUAL P3 AWARD: A NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY. APPLICATIONS DUE 2/20/06. The P3 competition will provide grants to teams of college students to research, develop, and design solutions to challenges to sustainability. Approximately \$1,250,000 in funding is available for approximately 60 grants. Eligibility is restricted to public nonprofit institutions/organizations (includes public institutions of higher education and hospitals) and private nonprofit institutions/organizations (includes private institutions of higher education and hospitals) located in the U.S. Collaboration with colleges and universities outside the United States is permitted, but only U.S. institutions will be eligible for awards. For more info, go to:  
[http://es.epa.gov/ncer/rfa/2006/2006\\_p3.html](http://es.epa.gov/ncer/rfa/2006/2006_p3.html)

(New) EPA IS SEEKING APPLICATIONS PROPOSING RESEARCH ABOUT THE POTENTIAL IMPLICATIONS OF NANOTECHNOLOGY AND MANUFACTURED NANOMATERIALS ON HUMAN HEALTH AND THE ENVIRONMENT. APPLICATIONS DUE 2/22/06. Research areas can include the toxicology, fate, transport and transformation, bioavailability, exposures of human and other species in natural ecosystems to nanomaterials, and industrial ecology related to nanomaterials. The estimated funding amount is \$8 million. The estimated number of awards is 25. Eligibility is restricted to institutions of higher education and not-for-profit institutions located in the U.S., and tribal, state and local governments. More info at:  
[http://es.epa.gov/ncer/rfa/2005/2005\\_star\\_nano.html](http://es.epa.gov/ncer/rfa/2005/2005_star_nano.html)

(New) EPA REQUESTS PROPOSALS FOR REGIONAL GEOGRAPHIC INITIATIVE (RGI) PROJECTS IN AR, LA, NM, OK AND TX. RESPONSES DUE 2/24/06. The RGI funds unique

geographically-based projects that fill critical gaps in the Agency's ability to protect human health and the environment by fostering and supporting community-driven approaches to long-term, sustainable solutions to environmental challenges. \$300K expected to be available, up to 10 awards anticipated. For more info and eligibility, contact Margie Floyd, EPA, at (214) 665-8461 or go to: <http://www.epa.gov/earthlr6/gandf/> Refer to Sol# EPA-R6-RGI-2006-01.

(New) EPA REQUESTS PROPOSALS FOR THE STRATEGIC AGRICULTURAL INITIATIVE/FOOD QUALITY PROTECTION ACT GRANT PROGRAM. RESPONSES DUE 3/3/06. This program supports projects that will assist the agricultural community to transition away from high-risk pesticides to lower risk pesticides and sustainable practices in food production. Project must occur within EPA Region 9 which includes HI, NV, AZ, CA, Tribal Nations within these states, A. Samoa, the N. Mariana Islands, Guam, the Marshall Islands, the Federated States of Micronesia, and Palau. \$390K expected to be available, up to 6 awards anticipated. Eligibility is unrestricted. For more info, contact Don Hodge at [hodge.don@epa.gov](mailto:hodge.don@epa.gov) or go to: <http://www.fedgrants.gov/search/search.do?mode=VIEW&oppId=2295> Refer to Sol# EPA-R9-CED1-06-003.

EPA SEEKS APPLICATIONS FOR METHODS TO ASSESS THE POTENTIAL ALLERGENICITY OF GENETICALLY ENGINEERED FOODS. APPLICATIONS DUE 3/21/06. The development of these methods will help in identifying substances that induce dietary allergy in humans and lead to improved evaluation of the relative potency of unknown proteins. Approximately \$3 Million is available for approximately 7 grants or cooperative agreements. Institutions of higher education and not-for-profit institutions located in the U.S., and tribal, state and local governments, are eligible to apply. See full announcement for more details: [http://es.epa.gov/ncer/rfa/2005/2005\\_star\\_biotech.html](http://es.epa.gov/ncer/rfa/2005/2005_star_biotech.html)

#### DEPARTMENT OF AGRICULTURE

(New) USDA REQUESTS PROPOSALS FOR THE CONSERVATION INNOVATION GRANTS PROGRAM (CIG). RESPONSES DUE 3/20/06. The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging Federal investment in environmental enhancement and protection, in conjunction with agricultural production. \$20 million expected to be available, up to 50 awards anticipated. For more info and eligibility, contact Kari Cohen at (202) 720-2335 or go to: <http://www.nrcs.usda.gov/programs/cig> Refer to Sol# USDA-GRANTS-010606-001.

USDA INVITES APPLICATIONS FOR THE NATIONAL RESEARCH INITIATIVE (NRI) COMPETITIVE GRANTS PROGRAM. APPLICATION DUE DATES VARY BY PROGRAM AREA. This program supports research, extension and education grants that address key problems of national, regional and multistate importance in sustaining all components of agriculture. Approximately \$180 million in FY 2006 funding is expected to be available for awards. For research projects, state agricultural experiment stations, colleges and universities and other research institutions, federal agencies, national laboratories, and private organizations or corporations are eligible. More information is available at: [http://www.csrees.usda.gov/funding/rfas/nri\\_rfa.html](http://www.csrees.usda.gov/funding/rfas/nri_rfa.html)

USDA REQUESTS PROPOSALS FOR THE CONSERVATION INNOVATION GRANT PROGRAM (CIG). DUE DATES VARY BY STATE OFFICE. The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging Federal investment in environmental enhancement and protection, in conjunction with agricultural production. Proposals accepted by state and territorial Natural Resources Conservation Service offices. Funding priorities and funding amounts vary by state office. For more info, go to: [http://www.fedgrants.gov/Applicants/USDA/NRCS/postdate\\_1.html](http://www.fedgrants.gov/Applicants/USDA/NRCS/postdate_1.html)

#### DEPARTMENT OF DEFENSE

(New) THE ARMY IS SOLICITING PROPOSALS FOR RESEARCH AND TECHNOLOGIES THAT WILL BE USED TO DESIGN AN EXTENSIVE ECOLOGICAL RESEARCH PROGRAM AT MARINE CORPS BASE CAMP LEJEUNE AND SURROUNDING ENVIRONS IN EAST CENTRAL NORTH CAROLINA. PROPOSALS DUE 2/16/06. The resulting Defense Coastal/Estuarine Research Program will address military and other impacts on the New River Estuary in eastern North Carolina. Eligibility is restricted to U.S. colleges and universities, nonprofit organizations or businesses, non-academic organizations, or consortia of these organizations. More information is available at:

<http://www.fbo.gov/spg/USA/COE/DACA72/BAA%2D06%2D0003/listing.html>

DOD IS SOLICITING PROPOSALS FOR ENVIRONMENTAL RESTORATION INNOVATIVE TECHNOLOGIES FOR THE DETECTION, CHARACTERIZATION, CONTAINMENT, AND REMEDIATION OF A WIDE RANGE OF CONTAMINANTS IN SOIL, SEDIMENTS, AND WATER. PROPOSALS FROM THE FEDERAL SECTOR ARE DUE BY 3/16/06. For more information, funding levels, and eligibility, go to: <http://www.serd.org/funding/index.cfm>

THE NAVY WILL BE SOLICITING PROPOSALS FOR RESEARCH IN ENVIRONMENTAL AND SENSOR TECHNOLOGIES. This solicitation supports the ongoing development and demonstration of buried unexploded ordnance detection technologies. It also requires laboratory research and field engineering support for studies of emerging sensors and biotechnology methods. Awards having a project period of one year with four one-year option periods are anticipated. All responsible sources will be eligible to submit proposals. More information and eligibility is available at:

<http://www.eps.gov/spg/DON/ONR/N00173/N00173%2D05%2DR%2DJS07/listing.html>

#### DEPARTMENT OF ENERGY

(New) THE NATIONAL RENEWABLE ENERGY LABORATORY, UNDER CONTRACT TO THE U.S. DEPARTMENT OF ENERGY, SOLICITS INTEREST FROM COMPANIES INTERESTED IN OBTAINING LICENSE RIGHTS TO COMMERCIALIZE, MANUFACTURE AND MARKET TECHNOLOGIES DEVELOPED AT NREL. Information on technologies available for licensing is posted at: <http://www.nrel.gov/technologytransfer/licensing.html> For more info, contact Richard Bolin at [richard\\_bolin@nrel.gov](mailto:richard_bolin@nrel.gov).

DOE'S INDUSTRIAL TECHNOLOGY PROGRAM (ITP) SOLICITS APPLICATIONS FOR COST-SHARED RESEARCH AND DEVELOPMENT (R&D) AND DEMONSTRATION PROJECTS. APPLICATIONS DUE 1/11/2006. These projects and research should lead to commercial technology with the potential for substantial reduction in energy consumption by the U.S. Chemical Industry as well as technology that will make better use of energy that is consumed. Estimated total funding available is \$10 million. All types of domestic applicants are eligible to apply, except other Federal agencies, Federally Funded Research and Development Centers (FFRDCs), and nonprofit organizations described in section 501(c)(4) of the Internal Revenue Code of 1986 that engage in lobbying activities. For more information, go to:

<http://e-center.doe.gov/iips/faopor.nsf/0/3661b640fe9303ff8525707500634aa8?OpenDocument>

DOE'S OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY IS SOLICITING APPLICATIONS FOR THE ITP INDUSTRIAL ASSESSMENT CENTERS (IACS). APPLICATIONS ARE DUE 1/24/06. The primary goal of the IAC program is to provide engineering students with practical experience in energy engineering. Approximately 12-16 IACs will be selected. Total DOE funding is expected to be approximately \$6 million. Eligibility is restricted to US colleges or schools of engineering. More information about eligibility, IACs, and the solicitation is available at <http://www.eere.energy.gov/industry/bestpractices/iacs.html> and

[http://www.eere.energy.gov/industry/news/news\\_detail.html/news\\_id=9500](http://www.eere.energy.gov/industry/news/news_detail.html/news_id=9500)

(New)[Application due date extended to 2/8/06] DOE IS SOLICITING APPLICATIONS FOR COST-SHARED R&D TO IMPROVE PRODUCTIVITY AND REDUCE COSTS IN THE ENERGY SUPPLY CHAIN OF THE CHEMICALS INDUSTRY. APPLICATIONS DUE 2/8/06. "Energy supply chain" refers to those technologies and systems that produce or transport energy (electrical, thermal, mechanical) to and from the chemical process. For the energy-intensive Chemicals industry, improvements in the efficiency and environmental performance of these systems can significantly impact operational and production costs. \$4 million in funding is available. Eligibility is unrestricted. Read more at [http://www.eere.energy.gov/industry/news/news\\_detail.html/news\\_id=9499](http://www.eere.energy.gov/industry/news/news_detail.html/news_id=9499) and <http://e-center.doe.gov/iips/faopor.nsf/8df825feb86675de852564650046faea/3e21c5cb3ca26acd852570a00054elac?OpenDocument>

(New) DOE AND USDA JOINTLY SOLICIT PREPROPOSALS FOR GENOMICS-BASED RESEARCH THAT WILL LEAD TO THE IMPROVED USE OF BIOMASS AND PLANT FEEDSTOCKS FOR THE PRODUCTION OF FUELS SUCH AS ETHANOL OR RENEWABLE CHEMICAL FEEDSTOCKS. FULL PROPOSALS WILL BE DUE 2/23/06, UPON INVITATION. Up to \$3 million is expected to be available for awards having a project period of up to three years. Applicants may request a budget for total costs ranging from \$100,000 to \$500,000 per year. Eligible are U.S. colleges and universities, nonprofit organizations, for-profit commercial organizations, state and local governments, state agricultural experiment stations, Federally Funded Research and Development Centers, national laboratories, and individuals. More information is available at: [http://www.sc.doe.gov/grants/LAB06\\_03.html](http://www.sc.doe.gov/grants/LAB06_03.html)

(New) DOE IS SEEKING PROPOSALS FOR PROJECTS THAT WILL ANALYZE THE KEY FACTORS AND TRADEOFFS INVOLVED IN MINIMIZING ADVERSE LIFE CYCLE IMPACTS WHILE ACHIEVING ECONOMIC PRODUCTION OF OIL AND GAS AND WILL THEN PRODUCE PLANS FOR INTEGRATING STATE OF THE ART TECHNOLOGIES WITH INNOVATIVE PRACTICES TO ACHIEVE THESE ENVIRONMENTAL AND ECONOMIC RESULTS. APPLICATIONS DUE BY 2/28/06. Estimated total funding is \$1.3 million. Eligibility is unrestricted. More info at: <https://e-center.doe.gov/iips/faopor.nsf/UNID/2D69FB5A11D2C358852570D8006AEE3E?OpenDocument>

(New) DOE REQUESTS PROPOSALS FOR CODES AND STANDARDS FOR THE HYDROGEN ECONOMY. RESPONSES DUE 3/10/06. Through this initiative, DOE seeks partners for facilitating the development of codes and standards for hydrogen and fuel cell technologies and infrastructure. \$6 million expected to be available, 1 award anticipated. For more info and eligibility, contact James Damm at [james.damm@go.doe.gov](mailto:james.damm@go.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/286D2200BB174C36852570D00056E820?OpenDocument> Refer to Sol# DE-PS36-06GO96011.

DOE IS ACCEPTING APPLICATIONS FOR SUPPORT OF WORK IN AREAS INCLUDING BUT NOT LIMITED TO BASIC ENERGY SCIENCES, HIGH ENERGY PHYSICS, AND BIOLOGICAL AND ENVIRONMENTAL RESEARCH. RESPONSES ACCEPTED ON AN ONGOING BASIS, FINAL DUE DATE UNDER THIS NOTICE IS 9/1/06. Sub areas of interest include, but are not limited to, climate change research, materials sciences and engineering, chemical sciences and energy biosciences. Up to \$400 million expected to be available. Eligibility is unrestricted. For more info, go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/e9a0fe97bcd5b6208525708c00673ffd?OpenDocument> Refer to Sol# DE-FG01-06ER06-01

DOE National Energy Technology Laboratory (NETL) uses the Industry Interactive Procurement System (IIPS) to post solicitations and amendments, receive proposals/applications, and disseminate award information. Entities wishing to participate in NETL solicitations will need to register at the IIPS website: <http://e-center.doe.gov>

## DEPARTMENT OF THE INTERIOR

(New) THE U.S. DEPARTMENT OF INTERIOR, BUREAU OF RECLAMATION MID-PACIFIC REGION (SOUTH CENTRAL, CENTRAL AND NORTHERN CA AREA OFFICES) REQUESTS PROPOSALS FOR THE WATER CONSERVATION FIELD SERVICE PROGRAM (WCFSP). RESPONSES DUE 2/3/06. WCFSP is designed to encourage water conservation; assist water agencies to develop and implement effective water management and conservation plans; coordinate with State and other local conservation plan efforts; and generally foster improved water management. \$1 million expected to be available, up to 70 awards anticipated. For more info and eligibility, go to: <http://www.fedgrants.gov/search/search.do?mode=VIEW&oppId=3482> Refer to Sol# 06SF203007.

(New) THE U.S. DEPARTMENT OF INTERIOR, BUREAU OF RECLAMATION SOUTHERN CALIFORNIA AREA OFFICE REQUESTS PROPOSALS FOR WATER CONSERVATION FIELD SERVICES PROGRAM. RESPONSES DUE 3/3/06. This RFP supports projects and activities that make more efficient use of existing water supplies through water conservation and efficiency. \$500K expected to be available, up to 15 awards anticipated. For more info and eligibility, contact Paula Sunde at [psunde@lc.usbr.gov](mailto:psunde@lc.usbr.gov) or go to: <http://www.fedgrants.gov/search/search.do?mode=VIEW&oppId=2486> Refer to Sol# 06SF350186.

## GENERAL SERVICES ADMINISTRATION

GSA IS ISSUING A REFRESHED SOLICITATION FOR THE CORE BUSINESS LINE FOR BUILDINGS AND BUILDING MATERIALS, INDUSTRIAL SERVICES AND SUPPLIES. This pre-solicitation includes product/services including but not limited to Solar Energy Systems and Lighting Products, Building Materials, and Power Distribution Equipment, Generators and Batteries. For more info and eligibility, contact Ernie Waugh at [ernie.waugh@gsa.gov](mailto:ernie.waugh@gsa.gov) or go to: <http://www1.eps.gov/spg/GSA/FSS/7FX/7FCI%2DF8%2D03%2D0056%2DB%2DFS%2D62/SynopsisP.html> Refer to Sol# 7FCI-F8-03-0056-B

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

(New) THE JOHNSON SPACE CENTER REQUESTS INFORMATION FROM INDUSTRY REGARDING THEIR CAPABILITIES IN LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED). RESPONSES DUE 1/20/06. The information will help identify potential sources for contemplated Architect and Engineering work at JSC that have verifiable LEED capabilities and experience to meet NASA requirements for sustainable building design. For more info and eligibility, contact Maria Hooks at [Maria.J.Hooks@nasa.gov](mailto:Maria.J.Hooks@nasa.gov) or go to: <http://www1.fbo.gov/spg/NASA/JSC/OPDC20220/NNJ06ZBJ301L/listing.html> Refer to Sol# NNJ06ZBJ301L.

(New) THE NASA/GODDARD SPACE FLIGHT CENTER ANNOUNCES ITS INTENT TO ISSUE AN RFP FOR A SOLAR ARRAY FOR THE LUNAR RECONNAISSANCE ORBITER (LRO) PROJECT. THE RFP WILL OPEN ON OR ABOUT 1/2/06 AND CLOSE ON OR 30 DAYS LATER. Work would include but not be limited to providing the Solar Array Panels in accordance with the LRO Solar Array Statement of Work, Specification, and Deliverable Items List and Schedule. For more info and eligibility, contact Julie Janus at [jjanus@pop200.gsfc.nasa.gov](mailto:jjanus@pop200.gsfc.nasa.gov) or go to: <http://www1.fbo.gov/spg/NASA/GSFC/OPDC20220/RFP%2DNNG06137671R/listing.html> Refer to Sol# RFP-NNG06137671R.

## NATIONAL SCIENCE FOUNDATION

(New) NSF REQUESTS PROPOSALS FOR THE CARBON AND WATER IN THE EARTH SYSTEM

PROGRAM. RESPONSES DUE 3/15/06. This solicitation is aimed at advancing our understanding of interdisciplinary aspects of either the carbon or the water cycles as they pertain to life, the global environment, and climate change. Approximately \$32 million is expected to be available for 14-25 awards. Eligibility is unrestricted. For more info, go to:  
[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf06514](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06514)

(New) NSF REQUESTS PROPOSALS FOR THE MATERIALS USE: SCIENCE, ENGINEERING, AND SOCIETY (MUSES) PROGRAMS. RESPONSES DUE 3/13/06 AND 2/7/07. MUSES is aimed at soliciting new multidisciplinary activities that encourage researchers in engineering, physical and life sciences, social and behavioral sciences, economics, mathematics, and education to reach beyond their disciplinary boundaries in order to address complex issues related to materials use in the environment. \$6.45 million expected to be available, 4 awards anticipated. Eligibility is unrestricted. For more info, go to:  
[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf06518](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06518) Refer to Sol# 06-518.

#### US AGENCY FOR INTERNATIONAL DEVELOPMENT

(New) USAID INVITES INTEREST FROM PROSPECTIVE PARTNER ORGANIZATIONS TO FORM PUBLIC- PRIVATE ALLIANCES IN SUPPORT OF THE GLOBAL DEVELOPMENT ALLIANCE. RESPONSES DUE 9/30/06. Areas of interest include but not limited to: Environment/energy, agriculture, urban programs, and economic growth and trade capacity building. Past individual award range \$200K to \$1 million. Eligibility is unrestricted. For more info, contact Kim Yee at [kyee@usaid.gov](mailto:kyee@usaid.gov) or go to:  
<http://www.Fedgrants.gov/Applicants/AID/OP/WAS/M-OAA-GRO-EGAS-06-07/listing.html> Refer to Sol# M-OAA-GRO-EGAS-06-07.

(New) USAID REQUESTS PROPOSALS FROM POTENTIAL PARTNERS IN MEETING THE GOALS AND OBJECTIVES OF THE AGENCY'S GLOBAL CLIMATE CHANGE (GCC) PROGRAM. FIRST ROUND OF PROPOSALS DUE 2/24/06, PENDING AVAILABILITY OF FUNDS, A SECOND ROUND MAY BE DUE 5/26/06. The GCC program promotes development that minimizes the associated growth in GHG emissions, assists vulnerable populations and ecosystems to adapt to potential impacts from climate variability and change, and supports climate observation systems. Five awards anticipated, average individual award \$250K. For more info and eligibility, go to:  
<http://www.Fedgrants.gov/Applicants/AID/OP/WAS/M%26%23047%3BOAA%26%23047%3BEGAT%26%23047%3BEMD-06-061/Attachments.html#upload4888>

#### STATE AND OTHER ORGANIZATIONS

(New) AVISTA UTILITIES ANNOUNCES ITS INTENT TO REQUEST PROPOSALS TO OFFSET 69 AMW OF GENERATION ACQUISITION FROM ELECTRIC ENERGY EFFICIENCY PROGRAMS. Release of the RFP expected in the first quarter of 2006. For more info and eligibility, contact Jon Powell at [jon.powell@avistacorp.com](mailto:jon.powell@avistacorp.com) or go to:  
[http://www.avistautilities.com/resources/renewable\\_rfp.asp](http://www.avistautilities.com/resources/renewable_rfp.asp)

(New) MASSACHUSETTS' RENEWABLE ENERGY TRUST'S SUSTAINABLE ENERGY ECONOMIC DEVELOPMENT (SEED) INITIATIVE WILL PROVIDE CONVERTIBLE LOANS OF UP TO \$500,000 TO MASSACHUSETTS-BASED COMPANIES THAT PROVIDE PRODUCTS OR SERVICES RELATED TO ENERGY FROM FUEL CELLS, SOLAR CELLS, HYDROPOWER, OR BIOMASS, WAVE, TIDAL, OR WIND ENERGY. APPLICATIONS ARE DUE 1/13/2006. The loans could also go to companies that are producing products such as inverters, controls, switching equipment, storage, and instrumentation for a specific renewable energy application. Eligibility is restricted to publicly-traded companies based in Massachusetts. More info at: <http://www.masstech.org/seed/index.asp>

(New) ANHEUSER-BUSCH AND THE NATIONAL FISH AND WILDLIFE FOUNDATION REQUEST APPLICATIONS FROM GRADUATE AND UNDERGRADUATE STUDENTS IN THE U.S. FOR THE 2006 BUDWEISER CONSERVATION SCHOLARSHIP PROGRAM. RESPONSES DUE 1/27/06. This competitive scholarship program supports and promotes innovative research or study that seeks to respond to today's most pressing conservation issues. A minimum of 10 scholarships expected for up to \$10K each. For more info and eligibility, go to: <http://www.nfwf.org/programs/budscholarship/index.cfm>

(New) THE PORTLAND GAS & ELECTRIC COMPANY (PG&E) HAS ISSUED A REQUEST FOR INFORMATION TO DEVELOP A LIST OF QUALIFIED VENDORS TO BID FOR CONDUCTING FUTURE EVALUATION, MEASUREMENT AND VERIFICATION (EM&V) ACTIVITIES FOR THE SELF-GENERATION INCENTIVE PROGRAM. RESPONSES DUE 1/18/06. For more info and eligibility, contact [wxt8@pge.com](mailto:wxt8@pge.com) or go to: [http://www.pge.com/suppliers\\_purchasing/purchasing/bid\\_opportunities](http://www.pge.com/suppliers_purchasing/purchasing/bid_opportunities) Refer to the RFI for SGIP EM&V.

(New) AVISTA UTILITIES SEEKS APPROX. 35 MW OF ADDITIONAL LONG-TERM RENEWABLE ENERGY SUPPLIES TO BEGIN DURING THE FOURTH QUARTER OF 2007. RESPONSES DUE 2/1/06. Avista operates and manages energy generation, transmission and distribution facilities in five western states and serves nearly 325,000 electric customers in E. Washington and N. Idaho. For more info and eligibility, contact Steve Silkworth at (509) 495-8093 or go to: [http://www.avistautilities.com/resources/renewable\\_rfp.asp](http://www.avistautilities.com/resources/renewable_rfp.asp)

(New) THE SOCIAL VENTURE PARTNERS SEEK APPLICATIONS FOR WORK IN THE PUGET SOUND REGION THAT FOSTERS ENVIRONMENTAL STEWARDSHIP THAT IS ECOLOGICALLY BASED AND ECONOMICALLY SOUND. LETTERS OF INQUIRY DUE 2/10/06. Priorities include but are not limited to encouraging people from a wide range of interests and disciplines to work together in addressing environmental issues. Up to \$80K expected to be available, 2 awards anticipated. For more info and eligibility, go to: [http://www.svpseattle.org/grant\\_guidelines/environment.htm](http://www.svpseattle.org/grant_guidelines/environment.htm)

WORLD COMMUNITY GRID IS SOLICITING PROPOSALS TO ACCELERATE HUMANITARIAN RESEARCH VIA THE INTERNET. The goal is to support innovative efforts that will benefit most from this technology and deliver significant results on a variety of issues facing the global community. Areas of interest include new and existing infectious disease research, genomic and disease research, natural disasters and hunger, and environmental research. Five or six research projects conducted for public and nonprofit purposes will be awarded. More information is available at: [http://www.worldcommunitygrid.org/projects\\_showcase/submit\\_a\\_proposal.html](http://www.worldcommunitygrid.org/projects_showcase/submit_a_proposal.html)

NORTH CAROLINA CREATES SBIR/STTR INCENTIVE, MATCHING PROGRAM. North Carolina's small businesses are now eligible for follow-on support from the state for research projects funded under the federal Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. Fund of up to \$3 million. The incentive program provides grants to NC businesses to offset costs associated with submitting proposals for funding under the SBIR/STTR programs. More information is available on page 215 of North Carolina's budget bill: <http://www.ncleg.net/Sessions/2005/Budget/S622-PCCS.pdf>

#### NEWS and ACTIVITIES

(New) THE 2006 SCIENTIFIC AND TECHNOLOGICAL ACHIEVEMENT AWARDS (STAA) CALL FOR NOMINATIONS HAS BEEN ISSUED (EPA ONLY). The competition will be limited to papers published between January 1, 2002 and February 2, 2005. More info at [http://es.epa.gov/ncer/rfa/2006/staa\\_call\\_2006.pdf](http://es.epa.gov/ncer/rfa/2006/staa_call_2006.pdf)

STORMWATER CLEARING HOUSE: The University of Massachusetts has developed a searchable database containing validated performance data and technical information on innovative stormwater treatment technologies. The database can



be accessed at an interactive website, <http://www.mastep.net>

ELECTRIC UTILITIES ENVIRONMENTAL CONFERENCE: 9th Annual Conference on Clean Air, Mercury, Global Warming & Renewable Energy. January 22-25, 2006 Westin La Paloma Resort, Tucson, Arizona <http://www.euec.com/>

THE INVESTORS' CIRCLE 2006 SPRING CONFERENCE. MAY 10-12, 2006. SIR FRANCES DRAKE HOTEL, SAN FRANCISCO, CA. APPLICATIONS DUE 2/3/06. This conference is the premiere meeting place for angel investors, professional venture capitalists, philanthropic investors, and entrepreneurs who are using private capital to promote the transition to a sustainable future. For more information, go to <http://www.investorscircle.net>

The ARSENIC VIRTUAL TRADE SHOW is a learning portal designed to help water systems comply with EPA's Arsenic Rule. Vendor Sign-up  
<http://www.arsenictradeshow.com/VendorSignUp.aspx>

#### ETV VERIFICATIONS

ETV has completed verification testing and reports for 344 innovative environmental technologies! For a full list of ETV verifications, visit <http://www.epa.gov/etv/verifications/verification-index.html>

ETV AIR POLLUTION CONTROL TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS  
The APCT Center, operated by RTI International, invites vendors to participate in verification tests of the following technologies:

Diesel Engine Retrofit Emissions Control Technologies: Technologies include add-on devices such as exhaust catalysts and particulate matter filters, engine modifications, selective catalytic reduction systems, fuel modifications and reformulations, alternative fuels, and lubricants used on mobile diesel engines and some categories of stationary engines. Verification of these technologies, when used to reduce nitrogen oxide (NOx) emissions, is of interest to Texas' New Technology Research and Development (NTRD) Program, as well as others. Interested vendors should contact Drew Trenholm, RTI, at (919) 316-3742 or [atrenholm@rti.org](mailto:atrenholm@rti.org) For more information on the NTRD Program, please contact Richard Haut, Houston Advanced Research Center, at (281) 364-6093 or [rhaut@harc.edu](mailto:rhaut@harc.edu)

Fabric Filter Media: For more information, please contact Drew Trenholm, RTI, at (919) 316-3742 or [atrenholm@rti.org](mailto:atrenholm@rti.org)

Ventilation Air Cleaning or Filtration Technologies: Interested vendors should contact Debbie Franke, RTI, at (919) 541-6826 or [dlf@rti.org](mailto:dlf@rti.org)

ETV GREENHOUSE GAS TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS  
The GHG Center, operated by Southern Research Institute (SRI), is soliciting collaborators and vendors of the following technologies for independent performance verification testing:

On-Board Idle Reduction Technologies: For medium and heavy duty diesel trucks. Interested vendors/partners should contact Tim Hansen, SRI, at (919) 806-3456 or [hansen@sri.org](mailto:hansen@sri.org)

Diesel Hybrid Technologies: Including diesel-electric hybrids, diesel-hydraulic hybrids, and hybrid transmissions for medium and heavy duty trucks. For more information, please contact Tim Hansen, SRI, at (919) 806-3456 or [hansen@sri.org](mailto:hansen@sri.org)

Hydrogen Technologies: Including hydrogen generation reforming technologies, end-use applications (i.e., fuel cells and engines), storage technologies, and

hydrogen safety technologies. For more information, please contact Richard Adamson, SRI, at (919) 806- 3456 (ext. 23) or adamson@sri.org

#### ETV DRINKING WATER SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The DWS Center, operated by NSF International, invites vendors and partners to participate in verification tests of the following technologies:

Drinking Water Treatment Technologies: Including technologies designed to assist in compliance with the Long Term 2 Enhanced Surface Water Treatment Rule and the Groundwater Rule. Examples of technologies that may be applicable include membrane filtration, ultraviolet radiation, and on-site chlorine generators. All alternative technologies will be considered.

The DWS Center is also interested in mobile package drinking water treatment systems that could be used for emergency water supplies and as permanent installations at small communities. For more information, please contact Bruce Bartley, NSF, at (734) 769-5148 or bartley@nsf.org

#### ETV WATER QUALITY PROTECTION CENTER SOLICITS TECHNOLOGY VENDORS

The WQP Center, operated by NSF International, invites vendors to participate in verification tests of the following technologies:

Grouting Materials for Infrastructure Rehabilitation: Interested vendors should contact Tom Stevens, NSF, at (734) 769-5347 or stevenst@nsf.org.

For more detailed information on these ETV vendor solicitations, please visit <http://www.epa.gov/etv/vendors/vendannounce.html>

#### ETV STAKEHOLDER MEETINGS

January 31, 2006 -- The ETV ESTE Pesticide Spray Drift Reduction Technology (DRT) Stakeholder Workgroup will host its first meeting on January 31, in Beltsville, MD. For more information, please contact Mike Kosusko, EPA, at (919) 541- 2734 or kosusko.mike@epa.gov or Drew Trenholm, RTI, at (919) 541-3742 or atrenholm@rti.org

March 21, 2006 -- The next meeting of the ETV Air Pollution Control Technology Center Stakeholder Advisory Committee will be held March 21, at the EPA facilities in Research Triangle Park, NC. For more information, please contact Drew Trenholm, RTI, at (919) 541-3742 or atrenholm@rti.org

#### UPCOMING CONFERENCES AND MEETINGS

A complete list of ETV meetings, conferences, and presentations is available on the ETV Calendar at <http://www.epa.gov/etv/calendar/current.html> Meetings that may be of particular interest at which ETV is exhibiting and/or participating are:

March 20-23, 2006 -- The 2006 Joint Services Environmental Management (JSEM) Conference will be held March 20-23, in Denver, CO. The theme of 2006 JSEM is "Transformation." The conference is designed to highlight the many innovative ways that the Department of Defense, other Federal agencies, states, the defense industry, and their partners are transforming how they meet mission needs while protecting the environment. The ETV Program will exhibit in conjunction with the EPA National Risk Management Research Laboratory. For more information, please visit <http://www.jsemconference.com/2006/index.htm>

Mar. 28, 2006 -- The 2nd International Environmental Technology Verification Forum, "Environmentally Sound Technologies: Harmonizing International Approaches to Performance Verification," will be held March 28, at the Fairmont Waterfront Hotel in Vancouver, Canada. The ETV Program will present and participate.

Mar. 29-31, 2006 -- GLOBE 2006, the 9th Biennial Trade Fair and Conference on Business and the Environment, will be held March 29-31, in Vancouver, Canada. The conference plans to host more than 2,000 international leaders in the environmental marketplace from more than 75 countries. The ETV Program plans to exhibit in conjunction with the EPA National Risk Management Research Laboratory. For more information, please visit <http://www.globe2006.com>

Apr. 5-7, 2006 -- WasteExpo 2006 will be held April 5-7, in Las Vegas, NV. WasteExpo is a solid waste and recycling trade show that serves both the private and public sectors. Over 445 exhibitors are expected to participate and showcase the latest equipment and technology in the waste industry. The ETV Program will exhibit in conjunction with the EPA National Risk Management Research Laboratory. For more information, please visit <http://www.wasteexpo.com>

Visit the ETVoice Archive at <http://www.epa.gov/etv/etvoice/index.html> to catch up on information previously highlighted. The ETV Web Site, at <http://www.epa.gov/etv/> has additional information on the ETV Program covering general program topics, as well as detailed information on each of the ETV verification centers.

#### UPCOMING SMALL BUSINESS INNOVATION RESEARCH (SBIR) WORKSHOPS

Several of the events listed below are non-EPA sponsored events, EPA lists them for your information only and is not responsible for the content or the information distributed at the listed events. For more information about these events, go to the web address listed for each or go to: <http://www.zyn.com/sbir/cal/> or <http://www.ssti.org/Calendar/calendartext.htm>

Mar. 27-29, 2006 -- WORLD'S BEST TECHNOLOGY SHOWCASE, Arlington, TX. The WBT Showcase is the nation's premier event showcasing the largest collection of undiscovered technologies emanating from top universities, labs, and research institutions from across the country and around the globe. Participating technologies are selected by - and presented to - over 100 seasoned venture investors and Fortune 500 licensing scouts representing a variety of industries, each supported by private funding or numerous federal R&D grants such as DoD, DOE, NIH, NSF, NASA, NIST, and many others. For more information, go to: <http://www.wbtshowcase.com/>

Apr. 5, 2006 -- STAR AND SBIR SUCCESS STORIES WORKSHOP - - Ten researchers funded through EPA's Science to Achieve Results (STAR) program and the Small Business Innovation Research program will showcase their research and products related to environmental issues in Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont). More info at: <http://es.epa.gov/ncer/events/index.html#apr0506>

May 15-18, 2006 -- The National Science Foundation is sponsoring the 2006 NATIONAL SBIR/STTR CONFERENCE in Louisville, KY.

Nov. 6-9, 2006 -- NATIONAL SBIR FALL 2006 CONFERENCE, Milwaukee, WI. The National Science Foundation, in association with the Small Business Administration and all 11 SBIR agencies, is sponsoring this 2006 Fall National SBIR/STTR Conference. Participants will have multiple opportunities to meet and network with SBIR and STTR Program Managers, and fellow attendees, including SBIR/STTR award winners, speakers, and experts from businesses and the government willing to work with you to move your business ahead. More information is available at <http://www.sbirworld.com/conferences/eventDetails.asp?mnuConf=1&confId=1648&fromPg=home>

#### UPCOMING EVENTS

January 2006 ITRC INTERNET-BASED TRAINING COURSES

The Interstate Technology & Regulatory Council (ITRC) offers a wide variety of Internet-based training courses on innovative environmental technologies and approaches specific to the areas of site characterization, monitoring and remediation. Upcoming courses:

ITRC What's New with In Situ Chemical Oxidation?, 1/10/06;

ITRC What is Remediation Process Optimization And How Can It Help Me Identify Opportunities for Enhanced and More Efficient Site Remediation?, 1/12/06;

ITRC Permeable Reactive Barriers: Lessons Learned and New Directions, 1/24/06;  
Revegetation and Restoration of an Oil Contaminated Wetland in Northern New Jersey, 1/19/06;

NIEHS DNAPLs - Biological Remediation Processes, 1/25/06;

ITRC Environmental Management Planning on Active Small Arms Firing Ranges, 1/26/06;

ITRC is a program of the Environmental Research Institute of the States (ERIS), a nonprofit corporation operating in support of the Environmental Council of the States (ECOS). Registration information for the ITRC's no cost courses is available at: <http://clu-in.org/studio/> or <http://www.itrcweb.org>  
Click on Internet-based Training or Contact Mary Yelken.

Feb. 23-24, 2006 -- Sustainable Venturing Business Plan Competition, Boulder, CO. This competition will showcase innovative new technologies and ventures to serve existing and emerging markets. A minimum of \$25,000 in prize money will be awarded to the winning teams. Business plans will demonstrate venture-grade, for-profit business models, practices, and/or technologies with high growth potential. The Summit for Sustainable Business will bring together entrepreneurs, companies with clean technology needs, investors, thought leaders, and students to identify economic opportunities in sustainable venturing.

March 8-10, 2006 -- Renewable Energy Finance and Investment Summit. Sponsored by Financial Research Associates, this summit will be held in Phoenix, Arizona, from , and will offer information on state-of-the-art renewable energy finance structures and how to develop creative financing solutions for this growing market. The summit format will provide both case studies of how currently available technologies are being financed, and panel discussions with successful investors and managers who have completed some of the most significant renewable energy deals. More info at:  
<http://www.frallc.com/project.asp>

Mar. 20-22 -- International Symposium on Site Characterization for CO<sub>2</sub> Geological Storage (CO<sub>2</sub>SC 2006), Berkeley, CA, March 20-22. This symposium is sponsored by EPA with the International Association of Hydrogeologists (IAH), American Institute of Hydrology (AIH), Ground Water Protection Council (GWPC), and International Association of Hydraulic Engineering and Research (IAHR). This symposium will address the particular issue of site characterization and site selection related to the geologic storage of CO<sub>2</sub>, a proposed technological option to reduce atmospheric concentrations of CO<sub>2</sub>. Presentations and discussions will cover various aspects associated with characterization and selection of potential CO<sub>2</sub> storage sites, with special emphasis on advances in process understanding, development of measurement methods, and identification of key site parameters. For registration and additional information see <http://esd.lbl.gov/CO2SC/>

May 10-12, 2006 -- The Investors' Circle 2006 Spring Conference. Sir Frances Drake Hotel, San Francisco, CA. Applications due 2/3/06. This conference is the premier meeting place for angel investors, professional venture capitalists, philanthropic investors, and entrepreneurs who are using private capital to promote the transition to a sustainable future. For more information, go to <http://www.investorscircle.net>

June 27-30 -- Call for Abstracts! 2006 Community Involvement Conference and

Training, Milwaukee, WI. This EPA conference will offer participants original, engaging, and interactive presentations focusing on ways government can effectively interact with communities to achieve environmental results. Proposal abstracts are due Jan. 18, 2006. For abstract instruction and a list of solicited topics, see <http://epa.gov/superfund/action/community/ciconference/2006/index.htm>

July 13-14, 2006 -- EPA STAR Progress Review Workshop for the Endocrine Disruptors Program. This workshop will present the progress and results of recent EPA-funded Science to Achieve Results (STAR) research on endocrine disrupting chemicals. More info at: <http://es.epa.gov/ncer/events/index.html#jul1306>

Aug. 7-9, 2006 -- Call for Abstracts! International Conference on The Future of Agriculture: Science, Stewardship, and Sustainability, Sacramento, CA. This conference is sponsored by EPA and the Midwest Hazardous Substance Research Center. It will address: success stories in the areas of: air quality, water quality, waste management, and environmental stewardship; linking promising research and lessons learned from EPA's Superfund Program and other arenas (state of the science) with on-the-ground agricultural activities (state of the practice). Abstracts for an oral presentation or a poster presentation are due Mar. 1, 2006. For a complete list of presentation topics requested and abstract instructions, see <http://www.dce.ksu.edu/dce/conf/ag&environment/>

#### JOINING ENVIROTECHNEWS

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For more information on EPA's Environmental Technology program and The Environmental Technology Opportunities Portal (ETOP), please visit our Web Site at <http://www.epa.gov/etop>

We hope that you will find this service to be helpful and informative, and look forward to hearing from you. Comments and suggestions are encouraged and can be e-mailed to the listserver.